

## Monoclonal Mouse Antibody to Pan Muscle Actin

<b>Catalog No.:</b>	Mob 235, Mob 235-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were injected with N-terminal decapeptide of alpha-smooth muscle actin for 1A4 and with purified rabbit striated muscle actin for 5C5.
<b>Clone:</b>	1A4 & 5C5
<b>Isotype:</b>	IgG2a, kappa & IgM
<b>Format:</b>	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
<b>Specificity:</b>	This pan actin is useful in identifying tumors arising from muscle cells, i.e. leiomyosarcoma and rhabdomyosarcoma. It cross reacts with human, sheep, bovine, rabbit, guinea pig, rat, frog, snake, and carp.
<b>Positive Control:</b>	Skeletal muscle
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Babai et al. Virchow Arch 55: 263, 1988. ii) Schurch et al. Amer J Pathol 128:91, 1987. iii) Skalli et al. Am Amer J Pathol 130: 515, 1988.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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